

ACTA PÆDIATRICA SCANDINAVICA

Vol. 73. 1984

CHIEF EDITOR

R. Zetterström, Stockholm

CO-EDITORS

S. Sjölin, Uppsala and B. Lindquist, Lund

MANAGING EDITOR

C. G. Bergstrand, Stockholm

ASS. MANAGING EDITOR

Yngve Larsson, Stockholm

Advisory Board

Aarskog, D., Bergen
Arnórsson, V. K., Reykjavik
Broberger, O., Stockholm
Fernandes, J., Groningen
Friis-Hansen, B., Copenhagen
Hagberg, B., Göteborg
Iversen, T., Århus
Kildeberg, P., Odense

Kouvalainen, K., Oulu
Moe, J. P., Trondheim
Peltonen, T., Turku
Perheentupa, J., Helsinki
Ritzén, M., Stockholm
Seip, M., Oslo
Stoop, J. W., Utrecht
Visser, H. K. A., Rotterdam



Contents

Review articles

- Güttler, F.: Phenylketonuria: 50-Years since Følling's Discovery and still Expanding our Clinical and Biochemical Knowledge 750
- Köhler, L.: Chronically ill and Handicapped Children in the Nordic Countries 161
- Riikonen, R.: Infantile Spasms: Modern Practical Aspects 1
- Trollfors, B.: Bordetella Pertussis Whole Cell Vaccines—Efficacy and Toxicity 417
- Zetterström, R.: Responses of Children to Hospitalization 289

Original articles

- Åkesson, H. O.: Intelligence and Polygenic Inheritance. A Dogma to Re-Examine 13
- Ala-Houhala, M., Parviainen, M. T., Pyykkö, K. and Visakorpi, J. K.: Serum 25-Hydroxyvitamin D Levels in Finnish Children Aged 2 to 17 Years 232
- Alpert, G., Shohat, M., Reisner, S. H. and Danon, Y. L.: Osmotic Fragility of Erythrocytes in Newborn Infants Treated by Phototherapy 254
- Annerén, G. and Björkstén, B.: Low Superoxide Levels in Blood Phagocytic Cells in Down's Syndrome 345
- Aperia, A., Herin, P., Lundin, S., Melin, P. and Zetterström, R.: Regulation of Renal Water Excretion in Newborn Full-term Infants 717
- Aperia, A. and Freyschuss, U.: Comparison of Plasma Clearances of Polyfructosan and ⁵¹Cr-EDTA in Children 379
- Archer, L. N. J., Glass, E. J. and Godman, M. J.: The Silent Ductus Arteriosus in Idiopathic Respiratory Distress Syndrome 652
- Asperen, van P. P., Kemp, A. S. and Mellis, C. M.: A Prospective Study of the Clinical Manifestations of Atopic Disease in Infancy 80
- Aynsley-Green, A., Jenkins, P., Tronier, B. and Heding, L. G.: Plasma Proinsulin and C-Peptide Concentrations in Children with Hyperinsulinaemic Hypoglycaemia 359
- Baeteman, M. A., Mattei, M. G., Baret, A. and Mattei, J. F.: Immunoreactive Copper-Zinc Superoxide-dismutase (SOD-I) in Mosaic Trisomy 21 and Normal Subjects 341
- Bardon, A., Ceder, O., Ekbohm, G. and Kollberg, H.: Salivary Ribonuclease in Cystic Fibrosis and Control Subjects 263
- Besag, F. M. C., Singh, M. P. and Whitelaw, A. H. L.: Surgery of the Ill, Extremely Low Birthweight Infant: Should Transfer to the Operating Theatre be Avoided? 594
- Bhatia, B. D., Agarwal, K. N., Jain, N. P. and Bhargava, V.: Growth Pattern of Intrauterine Growth Retarded (UGR) Babies in First Nine Months of Life 189
- Bille, B., Eriksson, B. and Gierup, J.: Early Bladder Training in Patients with Spina Bifida 60
- Bjerre, I., Fagher, B., Ryding, E. and Rosén, I.: The

- Angelman or "Happy Puppet" Syndrome. Clinical and Electroencephalographic Features and Cerebral Blood Flow 398
- Björkstén, B., Marklund, S. and Hägglöf, B.: Enzymes of Leukocyte Oxidative Metabolism in Down's Syndrome 97
- Bohlin, A.-B.: Clinical Course and Renal Function in Minimal Change Nephrotic Syndrome 631
- Bondestad, M., Alm, G. V. and Foucard, T.: Interferon Production in Children with Undue Susceptibility to Infections 197
- Broberger, U., Hansson, U., Lagercrantz, H. and Persson, B.: Sympatho-Adrenal Activity and Metabolic Adjustment during the First 12 Hours after Birth in Infants of Diabetic Mothers 620
- Broch, H., Imerslund, O., Monn, E., Hoving, T. and Seip, M.: Imerslund-Gräsbeck Anemia 248
- Brockmeier, F. K., Rosland, G. A. and Finne, P. H.: Cardiomyopathy Induced by Anthracycline-Derivates 387
- Butte, N. F., Goldblum, R. M., Fehl, L. M., Loftin, K., Smith, E. O., Garza, C. and Goldman, A. S.: Daily Ingestion of Immunologic Components in Human Milk during the First Months of Life 296
- Caillie-Bertrand, van M., Degenhart, H. J. and Fernandes, J.: Selenium Status of Infants on Nutritional Support 816
- Carrascosa, A., Audi, L., Ortega, J. J., Javier, G. and Toran, N.: Hypothalamo-Hypophyseal-Testicular Function in Prepubertal Boys with Acute Lymphoblastic Leukemia following Chemotherapy and Testicular Radiotherapy 364
- Cassio, A., Bernardi, F., Piazzi, S., Capelli, M., Frejaville, E., Villa, M. P., Martelli, E., Balsamo, A., Sallardi, S., Merighi, R. and Cacciari, E.: Neonatal Screening for Cystic Fibrosis by Dried Blood Spot Trypsin Assay, Results in 47 127 Newborn Infants from a Homogeneous Population 554
- Clausen, N. and Ibsen, K. K.: Central Nervous System Relapse Surveillance by Serial Beta₂-Microglobulin Measurements in Childhood Acute Lymphoblastic Leukemia 848
- Colding, H., Møller, S. and Andersen, G. E.: Continuous Intravenous Infusion of Ampicillin and Gentamicin during Parenteral Nutrition to 36 Newborn Infants Using a Dosage Schedule 203
- Dickerman, Z., Loewinger, J. and Laron, Z.: The Pattern of Growth in Children with Constitutional Tall Stature from Birth to Age 9 Years. A Longitudinal Study 530
- Dunkel, L., Perheentupa, J., Tapanainen, J. and Viikko, R.: Hypergonadotropic Hypogonadism in Newborn Males with Primary Testicular Failure 740
- Ekwo, E. E., Dusdieker, L., Booth, B. and Seals, B.: Psychosocial Influencing the Duration of Breastfeeding by Primigravidae 241
- Elander, G. and Lindberg, T.: Short Mother-Infant Separation during First Week of Life Influences the Duration of Breastfeeding 237

- Ellison, P., Heimler, R. and Franklin, S.: The Relationships of Transcephalic Impedance, Head Growth and Caloric Intake to Outcome in Preterm Infants 820
- Ericson, A., Eriksson, M., Westerholm, P. and Zetterström, R.: Pregnancy Outcome and Social Indicators in Sweden 69
- Ericson, A., Eriksson, M. and Zetterström, R.: The Incidence of Congenital Malformations in Various Socio-economic Groups in Sweden 664
- Florack, E., Obermann-De Boer, G., Kampen-Donker, van M., Wingen, van J. and Kromboud, D.: Breast-feeding, Bottle-feeding and Related factors 789
- Foucard, T. and Sjöberg, O.: A Prospective 12-Year Follow-up Study of Children with Wheezy Bronchitis 577
- Fransson, G.-B., Gebre-Medhin, M. and Hambreus, L.: The Human Milk Contents of Iron, Copper, Zinc, Calcium and Magnesium in a Population with a Habitually High Intake of Iron 471
- Freyschuss, U., Lännergren, K. and Frenckner, B.: Lung Function after Repair of Congenital Diaphragmatic Hernia 589
- Friel, J. K., Gibson, R. S., Balassa, R. and Watts, J. L.: A Comparison of the Zinc, Copper and Manganese Status of Very Low Birth Weight Pre-Term and Full-Term Infants during the First Twelve Months 596
- Gebre-Medhin, M., Ewald, U., Plantin, L.-O. and Tuwemo, T.: Elevated Serum Selenium in Diabetic Children 109
- Gebre-Medhin, M. and Vahlquist, A.: Vitamin A Nutrition in the Human Foetus. A Comparison of Sweden and Ethiopia 333
- Ginsburg, B. E., Lindblad, B. S., Lundsjo, A., Persson, B. and Zetterström, R.: Plasma Valine and Urinary C-Peptide in Breast-fed and Artificially Fed Infants up to 6 Months of Age 213
- Granström, M., Ericson, A., Strandvik, B., Wretling, B., Pavlovskis, O. R., Berka, R. and Vasil, M. L.: Relation between Antibody Response to PSEUDOMONAS AERUGINOSA Exoproteins and Colonization/Infection in Patients with Cystic Fibrosis 772
- Hagberg, B., Hagberg, G. and Olow, I.: The Changing Panorama of Cerebral Palsy in Sweden. IV Epidemiological Trends 1959-78 433
- Hally, M. R., Bond, J., Crawley, J., Gregson, B., Phillips, P. and Russel, I.: Factors Influencing the Feeding of First-Born Infants 33
- Hedlin, G. and Freyschuss, U.: Cardiac Output and Blood Pressure in Asthmatic Children Before and During Induced Asthma 441
- Hill, R. M., Verniaud, V. M., Deter, R. L., Tennyson, L. M., Rettig, G. M., Zion, T. E., Vorderman, A. L., Helms, P. G., McCulley, L. B. and Hill, L. L.: The Effect of Intrauterine Malnutrition on the Term Infant. A 14-year Progressive Study 482
- Hjeltne, N., Stanghelle, J. K. and Skyberg, D.: Pulmonary Function and Oxygen Uptake During Exercise in 16 Year Old Boys with Cystic Fibrosis 548
- Hägnevik, K., Faxelius, G., Irestedt, L., Lagercrantz, H., Lundell, B. and Persson, B.: Catecholamine Surge and Metabolic Adaptation in the Newborn after Vaginal Delivery and Caesarean Section 602
- Ibsen, K. K.: Blood-pressures in Offspring of Hypertensive Parents 842
- Illicki, A., Prager Lewin, R., Kauli, R., Kaufman, H., Schachter, A. and Laron, Z.: Premature Thelarche—Natural History and Sex Hormone Secretion in 68 Girls 756
- James, H. O., West, C. E., Duggan, M. B. and Ngwa, M.: A Controlled Study on the Effect of Injected Water-Miscible Retinyl Palmitate on Plasma Concentrations of Retinol and Retinol-Binding Protein in Children with Measles in Northern Nigeria 22
- Jansson, L., Lindroth, M. and Työppönen, J.: Intestinal Absorption of Vitamin E in Low Birth Weight Infants 329
- Joss, E. and Zuppinger, K.: Oxandrolone in Girls with Turner's Syndrome. A Pair-matched Controlled Study up to Final Height 674
- Keller, M., Kidd, R., Reisinger, D. and Stewart, D.: PPD-Induced Monocyte Chemotactic Factor Production by Human Milk Cells 465
- Kjellman, B., Elinder, G., Garwicz, S. and Svan, H.: Idiopathic Pulmonary Haemosiderosis in Swedish Children 584
- Kock, P., Soussignan, R. and Montagner, H.: New Data on the Wake-Sleep Rhythm of Children Aged from 2 1/2 to 4 1/4 Years 667
- Krabbe, S. and Christiansson, C.: Longitudinal Study of Calcium metabolism in Male Puberty. I. 745
- Krabbe, S., Hummer, L. and Christiansen, C.: Longitudinal Study of Calcium Metabolism in Male Puberty. II. 750
- Käär, M.-L., Åkerblom, H. K., Huttunen, N.-P., Knip, M. and Säkkinen, K.: Metabolic Control in Children and Adolescents with Insulin-Dependent Diabetes Mellitus 102
- Köhler, L., Meeuwisse, G. and Mortensen, W.: Food Intake and Growth of Infants between Six and Twenty-six Weeks of Age on Brest Milk, Cow's Milk Formula or Soy Formula 40
- Levene, M. I., Batisti, O., Wigglesworth, J. S., Desai, R., Meek, J. H., Bulusu, S. and Hughes, E.: A Prospective Study of Intrapulmonary Fat Accumulation in the Newborn Lung Following Intralipid Infusion 454
- Lindeman, R.: Resuscitation of the Newborn 210
- Lindemans, J., Meijens, H. J., Kerrebijn, K. F. and Abels, J.: Vitamin B₁₂ Absorption in Cystic Fibrosis 537
- Lindemans, J., Abels, J., Neijens, H. J. and Kerrebijn, K. F.: Elevated Serum Vitamin B₁₂ in Cystic Fibrosis 768
- Loirat, C., Sonsino, E., Varga Moreno, A., Pillion, G., Mercier, J. C., Beaufils, F. and Mathieu, H.: Hemolytic-uremic Syndrome: An Analysis of the Natural History and Prognostic Features 505
- Longe, A. C., Omene, J. A. and Okolo, A. A.: Neonatal Meningitis in Nigerian Infants 477
- Lundell, B. P. W., Lindström, D. P. and Arnold, T. G.: Neonatal Cerebral Blood Flow Velocity. I. 810
- Luoma, R.: Environmental Allergens and Morbidity in Atopic and Non-Atopic Families 448
- Marines, L., Preece, M. A. and Grant, D. B.: Body Proportions in Precocious Puberty 185

- Markestad, T., Halvorsen, S., Seeger Halvorsen, K., Aksnes, L. and Aarskog, D.: Plasma Concentrations of Vitamin D Metabolites before and during Treatment of Vitamin D Deficiency Rickets in Children 225
- Markestad, T., Kolmannskog, S., Arntzen, E., Toftegaard, L., Haneberg, B. and Aksnes, L.: Serum Concentrations of Vitamin D Metabolites in Exclusively Breast-Fed Infants at 70°C North 29
- Michaelsson, K., Kaskinen, H., Aulanko, R. and Rinne, A.: Sound Spectrographic Cry Analysis of Infants with Hydrocephalus 65
- Michelsson, K., Lindahl, E., Parre, M. and Helenius, M.: Nine-year Follow-up of Infants Weighing 1500 g or Less at Birth 835
- Moro, G., Minoli, I., Heining, J., Cohen, M., Gaull, G. and Räihä, N.: Relationship between Protein and Energy in the Feeding of Preterm Infants during the First Month of Life 49
- Murnaghan, K., Vasmant, D. and Bensman, A.: Pulse Methylprednisolone Therapy in Severe Idiopathic Childhood Nephrotic Syndrome 733
- Niaudet, P., Drachman, R., Gagnadoux, M. F. and Brody, M.: Treatment of Idiopathic Nephrotic Syndrome with Levamisole 637
- Nilsen, S. T., Finne, P. H., Bergsjø, P. and Stamnes, O.: Males with Low Birthweight Examined at 18 years of Age 168
- Nilsen, S. T., Finne, P. H., Bergsjø, P. and Stamnes, O.: Males with Neonatal Hyperbilirubinemia Examined at 18 Years of Age 176
- Nordhagen, R., Stensvold, K., Winsnes, A., Skyberg, D. and Støren, A.: Paroxysmal Cold Haemoglobinuria. The Most Frequent Acute Autoimmune Haemolytic Anaemia in Children? 258
- Oxelius, V.-A. and Svenningsen, N. W.: IgG Subclass concentrations in Preterm Neonates 626
- Passwell, J., Rigler, S., Aladjem, M., Boichis, H., Wagner, L. and Eshkol, A.: Aldosterone Concentrations in Dehydrated Infants 127
- Patra, F. C., Mahalanabis, D., Jalan, K. N., Sen, A. and Banerjee, P.: In Search of a Super Solution: Controlled Trial of Glycine-Glucose Oral Rehydration Solution in Infantile Diarrhoea 18
- Perkkiö, M., Rajantie, J., Savilahti, E. and Siimes, M. A.: Jejunal Mucosa after Leukemia Treatment in Children. Increase of Crypt Mitotic Activity, Decrease of Intraepithelial Lymphocytes and IgA-cells 680
- Persson, B., Gentz, J. and Möller, E.: Follow-up of Children of Insulin Dependent (Type I) and Gestational Diabetic Mothers 778
- Persson, B. and Gentz, J.: Follow-up of Children of Insulin-dependent and Gestational Diabetic Mothers. Neuropsychological Outcome 349
- Persson, L. Å. and Samuelsson, G.: From Breastmilk to Family Food 685
- Petersen, K. E.: ACT in Normal Children and Children with Pituitary and Adrenal Diseases. II. Plasma ACTH (Cortisol and Growth Hormone) Values during Insulin Hypoglycaemia-Patients with Idiopathic Hypopituitarism and Intracranial Tumour 372
- Pomarede, R., Czernichow, P., Zucker, J. M., Schlienger, P., Haye, C., Rosenwald, J. C., Labib, A. and Rappaport, R.: Incidence of Anterior Pituitary Deficiency after Radiotherapy at an Early Age: Study in retinoblastoma 115
- Prentice, A., Prentice, A. M., Cole, T. J., Paul, A. A. and Whitehead, R. G.: Breast-Milk Antimicrobial Factors of Rural Gambian Mothers. I. 796
- Prentice, A., Watkinson, A. M., Prentice, A. M., Cole, T. J. and Whitehead, R. G.: Breast-Milk Antimicrobial Factors of Rural Gambian Mothers. II. 803
- Pressler, T., Szafl, M. and Høiby, N.: Antibiotic Treatment of Haemophilus Parainfluenzae Infections in Patients with Cystic Fibrosis 541
- Principi, N., Marchisio, P., Biasini, A., Dalla Villa, D. and Biasini, G.: Early and Late Neutropenia in Children Treated with Cotrimoxazole (Trimethoprim-Sulfamethoxazole) 763
- Pöyhönen, L. and Lenko, H.-L.: Ultrasonography in Congenital Hypothyroidism 523
- Rajantie, J., Lamberg-Allardt, C. and Wilska, M.: Does Carbamazepine Treatment Lead to a Need of Extra Vitamin D in some Mentally Retarded Children? 325
- Richardson, V. F., Robertson, C. F., Mowat, A. P., Howard, E. R. and Price, J. F.: Deterioration in Lung Function after General Anaesthesia in Patients with Cystic Fibrosis 75
- Robitaille, P., Marie, P. J., Delvin, E. E., Lortie, L. and Glorieux, F. H.: Renal Osteodystrophy in Children Treated with 1,25-Dihydroxy-Cholecalciferol (1,25-(OH)₂D₃). Histologic Bone Studies 315
- Saarela, U. M.: Severe Infections in Childhood Leukemia. A Follow-up Study of 100 Consecutive ALL patients 515
- Sauer, P. J. J., Dane, H. J. and Visser, H. K. A.: Influence of Variations in the Ambient Humidity on Insensible Water Loss and Thermoneutral Environment of Low Birth Weight Infants 615
- Savilahti, E. and Rapola, J.: Frequent Myocardial Lesions in Shwachman's Syndrome. Eight Fatal Cases among 16 Finnish Patients 642
- Schröder, H., Paust, H. and Schmidt, R.: Pulmonary Fat Embolism after Intralipid Therapy—a Post-Mortem Artefact? Light and Electron Microscopic Investigations in Low-Birth-Weight Infants 461
- Seeberg, S., Brinkhoff, B., John, E. and Kjellmer, I.: Prevention and Control of Neonatal Pyoderma with Chlorhexidine 498
- Sorva, R., Perheentupa, J. and Tolppanen, E.-M.: A Novel Format for a Growth Chart 527
- Speer, M. E., Gorman, W. A., Kaplan, S. L. and Rudolph, A. J.: Elevation of Plasma Concentrations of Arginine Vasopressin Following Perinatal Asphyxia 610
- Stéendijk, R. and Herweijer, T. J.: Height, Sitting Height and Leg Length in Patients with Hypophosphataemic Rickets 181
- Stenhammar, L., Kilander, A. F., Nilsson, L.-Å., Strömberg, L. and Tarkowski, A.: Serum Gliadin Antibodies for Detection and Control of Childhood Coeliac Disease 657
- Stephens, S., Kennedy, C. R., Lakhani, P. K. and Brenner, M. K.: In-Vivo Immune Responses of Breast- and

- Bottle-fed Infants to Tetanus Toxoid Antigen and to Normal Gut Flora 426
- Sujov, P., Kellerman, L., Zeltser, M. and Hochberg, Z.: Plasma and Urine Osmolality in Full-term and Pre-term Infants 722
- Svenningsen, N. W., Andreasson, B. and Lindroth, M.: Diuresis and Urine Concentration during CPAP in Newborn Infants 727
- Tal, Y., Dunn, H. G. and Chrichton, J. U.: Childhood Migraine—A Dangerous Diagnosis? 55
- Taylor-Robinson, D., Furr, P. M. and Liberman, M. M.: The Occurrence of Genital Mycoplasmas in Babies with and without Respiratory Distress 383
- Tazawa, Y., Yamada, M., Nakagawa, M., Konno, Y. and Tada, K.: Unconjugated Glycine-conjugated, Taurine-conjugated Bile Acid Nonsulfates and Sulfates in Urine of Young Infants with Cholestasis 392
- Tovo, P. A., Cerutti, F., Palomba, E., Salomone, C. and Pugliese, A.: Evidence of Circulating Interferon- γ in Newly Diagnosed Diabetic Children 785
- Variend, S.: Unexplained Protracted Infants Deaths 828
- Vesikari, T., Isolauri, E., Mäki, M. and Grönroos, P.: Clostridium Difficile in Young Children. Association with Antibiotic Usage 86
- Vicens-Calvet, E., Vendrell, J.-M., Albiu, M., Potau, N., Audi, L. and Gusiné, M.: The Dosage Dependency of Growth and Maturity in Growth Hormone Deficiency Treated with Human Growth Hormone 120
- Voyer, M., Senterre, J., Rigo, J., Charlas, J. and Satge, P.: Human Milk Lacto-Engineering. Growth, Nitrogen Metabolism and Energy Balance in Preterm Infants 302
- Wallin, A.: Time-Lapse Filming of Newborn Infants. A new Technique in Monitoring Behavioral States 307
- Wallin, A. and Boréus, L. O.: Phenobarbital Prophylaxis for Hyperbilirubinemia in Preterm Infants. A Controlled Study of Bilirubin disappearance and Infant Behavior 488
- Wilson, R. G. and Davis, R. E.: Vitamin B₆ Intake and Plasma Pyridoxal Phosphate Concentrations in the First 2 Weeks of Life 218
- Yoshimitsu, K., Kobayashi, Y. and Usui, T.: Superoxide, Dismutase Activity in Leukemic Blasts of Children with Acute Leukemia 92

Letters to the editor

- Christophersen, C. and Mortensen, H. B.: Pre-HbA_{1c} in Children with Insulin Dependent Diabetes Mellitus 855
- Clemens, P.: Premature Cranial Synostosis and Hypophosphatemic Rickets 857
- Garty, B., Danon, Y. L. and Mitzan, M.: Anaphylactoid Reaction to Dextran in a 3-month-old Infant 559
- Hennequet, A.: Intensive Maintenance Chemotherapy for Cystic Fibrosis 267
- Lorini, R., Larizza, D., Cisternino, M., Beluffi, G. and Severi, F.: The McCune-Albright Syndrome 860
- Lyon, A. J.: Factors Influencing Breast Feeding 268
- Mimouni, M. and Mimouni, F.: Metabolic Control in Diabetic Children 859

- Ramos de Almeida, J. M.: Measurement of Arterial Pressure 403
- Symon, D. N. K. and Russel, G.: Abdominal Migraine in Children 861

Short communications

- Åman, J. and Wranne, L.: Treatment of Hypoglycemia in Diabetes: Failure of Absorption of Glucose through Rectal Mucosa 560
- Arosio, P., Ferrero, R. and Ponzone, A.: Ferritin in Human Milk 271
- Barros, M. S. and Carneiro-Sampaio, M. M. S.: Milk Composition of Low Birth Weight Infants' Mothers 693
- Bhargava, S. K., Kumari, S. and Choudhury, P.: Outcome of Low Birth Weight Infants 406
- Fesslova, V., Caccamo, M. L., Salica, P. and Marini, A.: Assessment of Cardiovascular Effects to Theophylline in Premature Newborns by Means of Serial Echocardiography 404
- Koskimies, O., Pylkkänen, J. and Vilska, J.: Water intoxication in Infants Caused by the Urine Concentration Test with Vasopressin Analogue (DDAVP) 131
- Mertens, Th., Schürmann, W., Kruppenbacher, J. P., Eggers, H. J., Rheingans, K., Kellerman, K. and Leidel, J.: Two Cases of Vaccine-Induced Poliomyelitis 133
- Peltola, H., Laipo, M.-L. and Siimes, M. A.: Quantitative C-reactive Protein (CRP) Determined by an Immuno-turbidimetric Method in Rapid Differential Diagnosis of Acute Bacterial and Viral Diseases of Children 273
- Sinet, P. M., Neve, J., Nicole, A. and Molle, L.: Low Plasma Selenium in Down's Syndrome (Trisomy 21) 275
- Vajro, P., Romano, A., Fontanella, A., Oggero, V., Vecchione, R. and Shmerling, D. H.: Aagaenae's Syndrome in an Italian Child 695

Case reports

- Andersen, O., Taaning, E., Rosenkvist, J., Møller, N. E. and Mogens, H. H.: Autoimmune Haemolytic Anaemia Treated with Multiple Transfusions, Immunosuppressive Therapy, Plasma Exchange and Desferrioxamine 145
- Annerén, G. and Gustavsson, K.-H.: Partial Trisomy 3q (3q25→qter) Syndrome in Two Siblings 281
- Carlsen, N. L. T., Krasilnikoff, P. A. and Eiken, M.: Premature Cranial Synostosis in X-Linked Hypophosphatemic Rickets: Possible Precipitation by 1- α -OH-Cholecalciferol Intoxication 149
- Chéron, G., Paradis, K., Stéru, D., Demay, G. and Le-noir, G.: Cardiac Involvement in Cystic Fibrosis Revealed by Ventricular Arrhythmia 697
- Daughjerg, P. and Everberg, G.: A Case of Beckwith-Wiedemann Syndrome with Conductive Hearing Loss 408
- Felding, I. and Rane, A.: Congenital Liver Damage after Treatment of Mother with Valproic Acid Phenyltoin? 565

- Fryns, J. P., Kleczkowska, A., Lebas, E., Goffaux, P. and van den Berghe, H.: Complex Chromosomal Rearrangement in a Mentally Retarded Boy without Gross Dysmorphic Stigmata 138
- Ivarsson, S. A. and Henriksson, P.: Septic Shock and Hyperthermia as Possible Teratogenic Factors 875
- Kashiwa, H., Kawaguchi, S., Takeda, M., Kobayashi, M., Omori, Y. and Eto, R.: Insulin Resistance in an Infant with Leprechaunism 701
- Ljung, R., Helin, I. and Strömlad, L.-G.: Ganglioneuroma with an Uncommon Location in a Six-year-old Girl 411
- Monn, E. and Nordshus, T.: Hereditary Renal Adysplasia 278
- Mårdh, P.-A., Johansson, P. J. H. and Svenningsen, N. W.: Intrauterine Lung Infection with Chlamydia Trachomatis in a Premature Child 569
- Ohlsson, A., Sieck, U., Cumming, W., Akhtar, M. and Serenius, F.: A Variant of Bartter's Syndrome 868
- Rahbeck Sørensen, H. and Holsteen, V.: Resection of Congenital Stenosis of the Trachea in an Infant 141
- Sack, J., Friedman, E., Tadmor, R., Sahar, A. and Katznelson, D.: Growth and Puberty Arrest due to Prolactinoma 863
- Swert, de L. F., Ceuppens, J. L., Teuwen, D., Wijndaele, L., Cesaer, P. and Casteels-Van Daele, M.: Acute Interstitial Pneumonitis and Carbamazepine Therapy 285
- Vesikari, T., Mäki, M., Baer, M. and Grönroos, P.: Pseudomembranous Colitis with Recurring Diarrhoea and Prolonged Persistence of CLOSTRIDIUM DIFFICILE in a 10-year-old Girl 135
- Weaver, L. T., Nelson, R. and Bell, T. M.: The Association of Extrahepatic Bile Duct Atresia and Neonatal Epstein-Barr Virus Infection 155
- Yoshida, I., Yamashita, F., Okada, S. and Horikoshi, T.: Simulated Reye's Syndrome and Salicylate Therapy 562